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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/594,321	01/03/2007	Min-Cheol Jeon	3546-107	2124

6449 7590 09/14/2010
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EXAMINER

AIRAPETIAN, MILA

ART UNIT	PAPER NUMBER
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3625

NOTIFICATION DATE	DELIVERY MODE
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09/14/2010

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PTO-PAT-Email@rfem.com

Office Action Summary	Application No. 10/594,321	Applicant(s) JEON, MIN-CHEOL	
	Examiner MILA AIRAPETIAN	Art Unit 3625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☒ Claim(s) 1 and 5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 September 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-4 are rejected under 35 USC § 101.

Claims 1-4 are directed to method. One tool for assisting in determining whether the claimed invention is directed to a statutory process under 35 USC 101 is the "machine-or-transformation" test. If a claimed method meets the "machine-or-transformation" test, the method is likely patent-eligible under 35 USC 101 unless there is a clear indication that the method is directed to an abstract idea. If a claimed method does not meet the "machine-or-transformation" test, the claim will be considered directed to a non-statutory process unless there is a clear indication that the method is not directed to an abstract idea.

An analysis of method claims using the "machine-or-transformation" test seeks to determine whether the claimed method is (1) tied to a particular machine or apparatus, or (2) transforms a particular article to a different state or thing. In addition, mere field of use limitations or limitations reciting insignificant extra-solution activity will not transform an unpatentable process into a patentable one as the machine or transformation must impose meaningful limits on the method claim's scope.

In the instant case, claim1 lacks any recitation of a machine, let alone a recitation which creates a substantial tie so as to impose meaningful limitations on the claim

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scope. The steps of receiving, obtaining, arranging are not tied to any machine nor do they transform an underlying article to a different state or thing. Accordingly, these claims fail to pass the "machine-or-transformation" test. Further to the analysis as to whether the claims recite a statutory process under 35 USC 101, there is nothing of record which clearly indicates that the method recited is not directed to an abstract idea. Accordingly, these claims fail to set forth a statutory process under 35 USC 101.

Claims 2-4 fail to remedy the deficiencies reported above, and accordingly, claims 1-4 are similarly considered to be directed to non-statutory processes.

Claims 5-10 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

An invention, which is eligible or patenting under 35 U.S.C. 101, is in the "useful arts" when it is a machine, manufacture, process or composition of matter.

Claims 5-10 are directed to a system while reciting a storage unit, a display unit a price determination unit, etc. Given the broadest reasonable interpretation of said terms, the "system" can be reasonably interpreted as being directed to a program, per se, comprising sub-programs.

Allowable Subject Matter

Claims 1-10 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 101, set forth in this Office action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MILA AIRAPETIAN whose telephone number is (571)272-3202. The examiner can normally be reached on Monday-Friday 9:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Smith can be reached on (571) 272-6763. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mila Airapetian/
Primary Examiner, Art Unit 3625